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FIG. 1

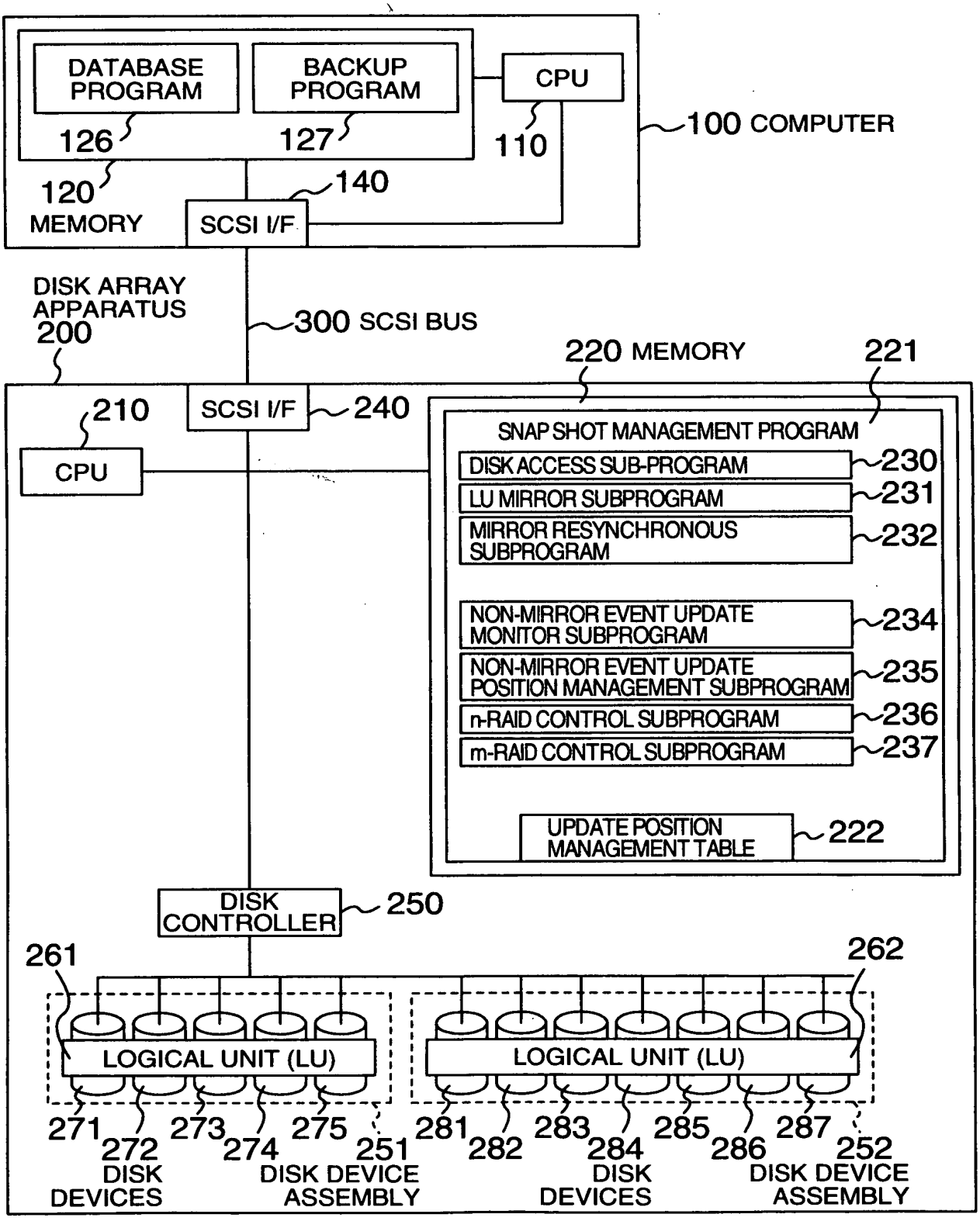

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FIG. 2

LBA SET NUMBER	UPDATE BIT
0	0
1	1
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0

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FIG. 3

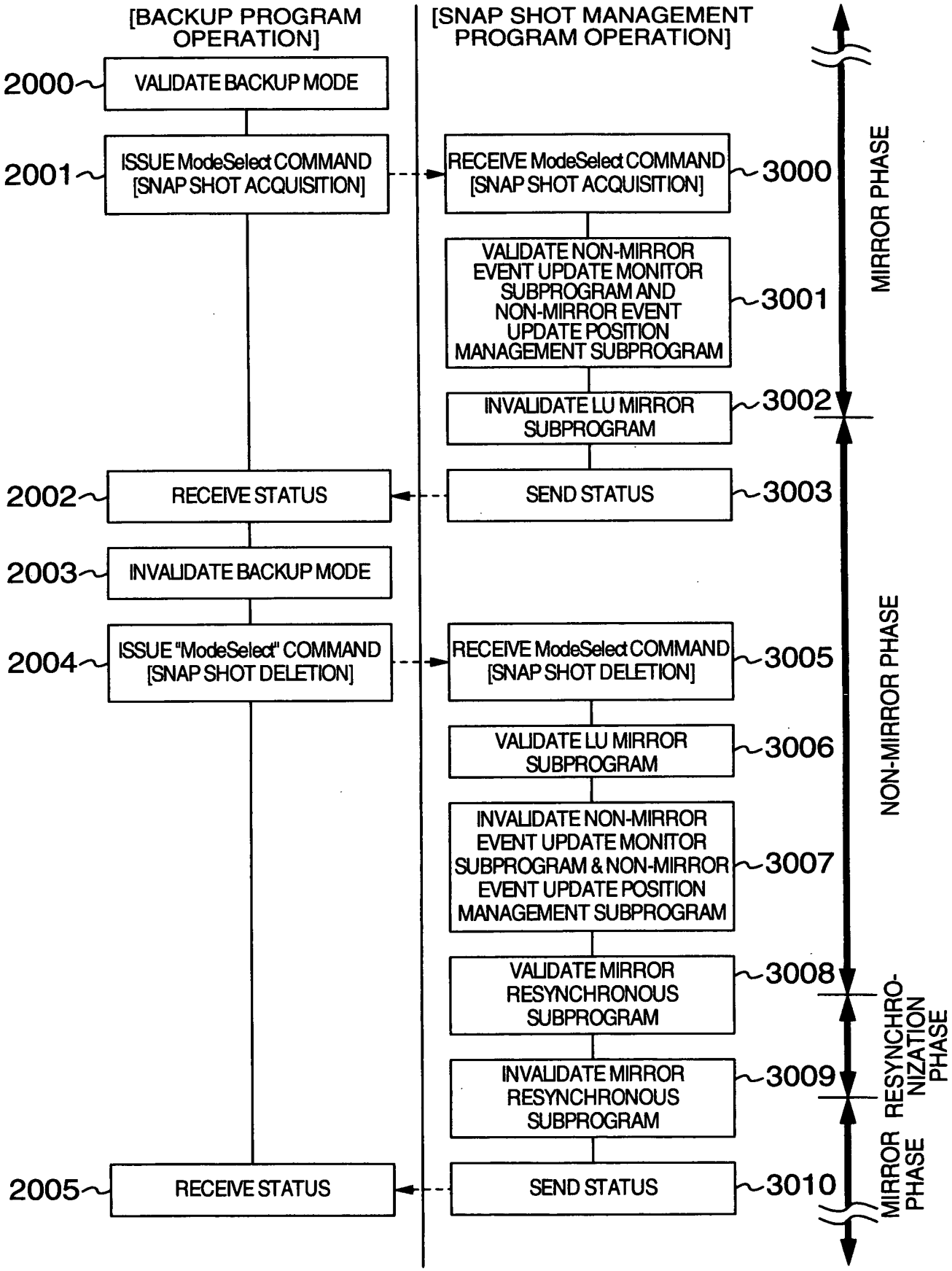
[BACKUP PROGRAM OPERATION]
[SNAP SHOT MANAGEMENT PROGRAM OPERATION]
2000
VALIDATE BACKUP MODE
2001
ISSUE ModeSelect COMMAND [SNAP SHOT ACQUISITION]
RECEIVE ModeSelect COMMAND [SNAP SHOT ACQUISITION]
3000
VALIDATE NON-MIRROR EVENT UPDATE MONITOR SUBPROGRAM AND NON-MIRROR EVENT UPDATE POSITION MANAGEMENT SUBPROGRAM
3001
INVALIDATE LU MIRROR SUBPROGRAM
3002
MIRROR PHASE
2002
RECEIVE STATUS
SEND STATUS
3003
2003
INVALIDATE BACKUP MODE
2004
ISSUE "ModeSelect" COMMAND [SNAP SHOT DELETION]
RECEIVE ModeSelect COMMAND [SNAP SHOT DELETION]
3005
VALIDATE LU MIRROR SUBPROGRAM
3006
INVALIDATE NON-MIRROR EVENT UPDATE MONITOR SUBPROGRAM & NON-MIRROR EVENT UPDATE POSITION MANAGEMENT SUBPROGRAM
3007
NON-MIRROR PHASE
VALIDATE MIRROR RESYNCHRONOUS SUBPROGRAM
3008
INVALIDATE MIRROR RESYNCHRONOUS SUBPROGRAM
3009
RESYNCHRO-NIZATION PHASE
2005
RECEIVE STATUS
SEND STATUS
3010
MIRROR PHASE

FIG. 4

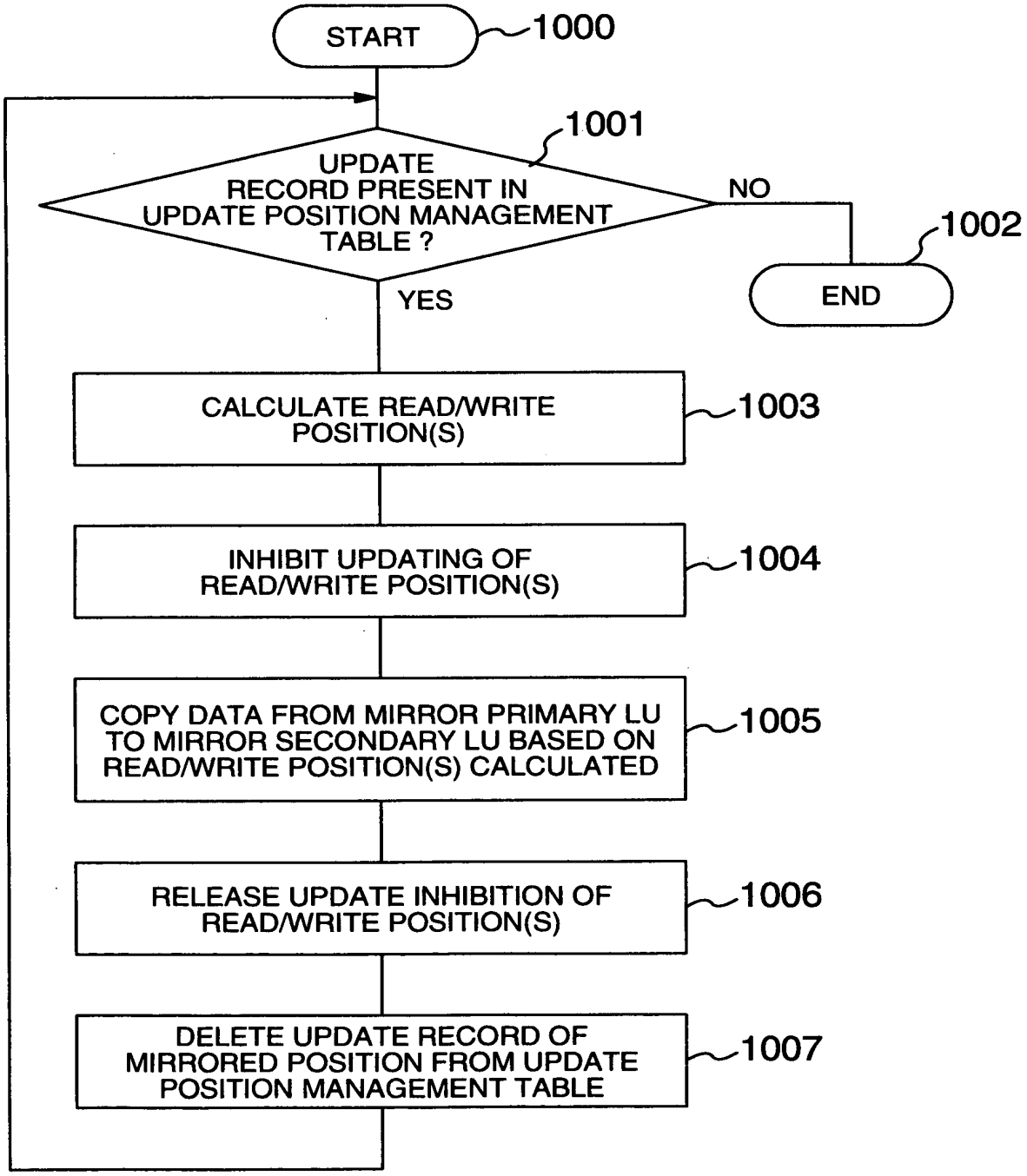

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FIG. 5

222 UPDATE POSITION MANAGEMENT TABLE

STRIPE PARTITION OF LU 261	STRIPE PARTITION OF LU 262	LBA SET NUMBER	UPDATED BIT
↑nX0	↑mX0	0	0
		1	0
		2	0
		3	0
↑nX1		4	0
		5	0
	↑mX1	6	0
		7	1
↑nX2		8	1
		9	1
		10	1
		11	0
↑nX3	↑mX2	12	0
		13	0
		14	0
		15	0

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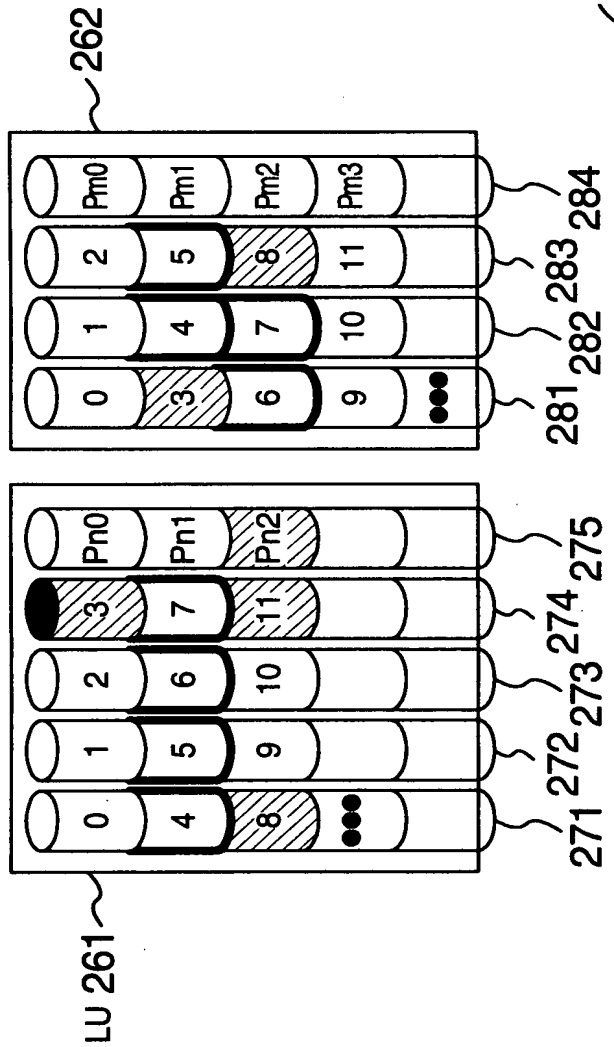
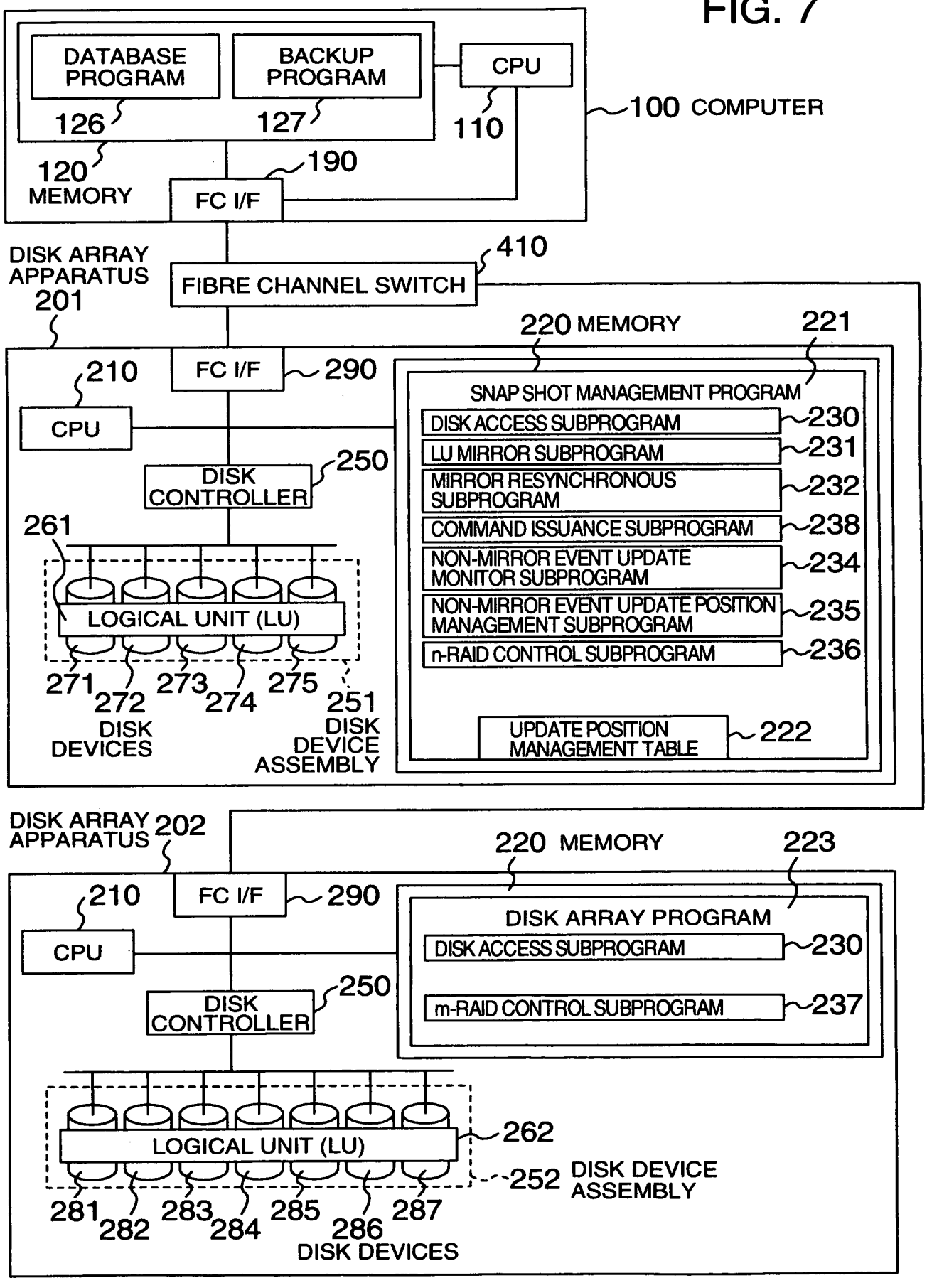
FIG. 6



222 UPDATE POSITION MANAGEMENT TABLE

STRIPE PARTITION OF LU 261	STRIPE PARTITION OF LU 262	LBA SET NUMBER	UPDATED BIT
↑nX0	↑mX0	0	0
		1	0
		2	0
↑nX1	↑mX1	3	0
		4	1
		5	1
↑nX2	↑mX2	6	1
		7	1
		8	0
	↑mX3	9	0
		10	0
		11	0

FIG. 7



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